

Applicant : Eng Shi ONG
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Amendments to the claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Previously presented): A method for water mediated extraction of analytes from a sample, said method comprising dynamically contacting an analyte-containing sample with water below 100°C and at a regulated pressure from about 10 to about 25 bars.
2. (Previously presented): The method of claim 1 wherein said water has a temperature above about 30 but below 100 degrees Celsius.
3. (Previously presented): The method of claim 1 wherein said water contains an amount of at least one organic solvent.
4. (Canceled previously)
5. (Previously presented): The method of claim 1 wherein said regulated pressure is from about 10 to about 25 bar.
6. (Previously presented): The method of claim 1 wherein the pressure is selected from 10,15,20, or 25 bar.
7. (Presently amended) ~~The method of claim 1 wherein said sample comprises~~ for water mediated extraction of analytes from a sample which further includes a dispersant, said method comprising dynamically contacting an analyte-containing sample with water below 100°C and at a regulated pressure from about 10 to about 25 bars.
8. (Presently amended) The method of Claim & 7 wherein said dispersant is selected from at least one of sand and glass beads.
9. (Previously presented): The method of claim 1 wherein said contacting occurs for between about 5 and about 200 minutes.
10. (Previously presented): The method of claim 1 wherein said contacting occurs for about 20 to about 40 minutes.

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11. (Previously presented): The method of claim 3 wherein said organic solvent is ethanol at a concentration of less than 50%.
12. (Previously presented): The method of claim 11 wherein the concentration is selected from 5%, 10%, 15%, 20%, 25%, and 30%.
13. (Previously presented): The method of claim 1 wherein the sample is selected from a botanical or herbal preparation.
14. (Previously presented): The method of claim 1 wherein said analytes include at least one analyte selected from berberine, baicalin and glycyrrhizin.
15. (Previously presented): The method of claim 1 further comprising detection of said analytes.
16. (Previously presented): The method of claim 1 wherein the dynamically contacting is at a flow rate of about 1 ml/min solvent.
17. (Previously presented): A method of analyzing analytes extracted from a sample comprising the method of claim 1 further comprising analysis of said analytes by a technique selected from the group consisting of gas chromatography, mass spectrometry, ion chromatography, liquid chromatography and capillary electrophoresis.
18. (Previously presented): The method of claim 1 wherein said water contains one or more surfactant or detergent.
19. (Previously presented): The method of claim 1 wherein said water contains a detergent selected from sodium dodecyl sulfate and Triton X-100.
20. (Previously presented): The method of claim 19 wherein said detergent is sodium dodecyl sulfate.